IN THE CLAIMS:

The following is a complete listing of the claims, and replaces all earlier listings and all earlier versions.

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1. (Currently Amended) An image processing method for performing a color process based on a color appearance model, said method comprising the steps of:

inputting location information which relates to a ~~viewing space~~ distance between positions of a viewing subject [[in]] at a data source side and a viewing subject [[in]] at a data destination side;

setting a parameter of a viewing condition based on the inputted location information; and

performing the color process based on the color appearance model by using the set parameter.

2. (Previously Amended) The method according to claim 1, wherein the parameter includes a chromatic adaptability condition.

3. (Previously Amended) The method according to claim 1, further comprising the step of inputting plural items of viewing information which relate to a viewing condition of the data source side and a viewing condition of the data destination side.

4. (Previously Amended) The method according to claim 1, wherein the color process comprises color matching processing based on profiles of the data source side and the data destination side.

5. (Currently Amended) An image processing method having a user interface for manually inputting location information which relates to a ~~viewing space~~ distance between positions of a viewing subject [[in]] at a data source side and a viewing subject [[in]] at a data destination side, and a user interface for manually inputting viewing information which relates to a viewing condition, for performing color process on input image data based on a color appearance model, said method comprising the steps of:

setting a parameter of viewing condition based on the inputted location information and viewing information; and

performing the color process based on the color appearance model by using the set parameter.

6. (Previously Amended) An image processing method for performing color process on input image data based on a color appearance model, said method comprising the steps of:

inputting a manual instruction of a user, which relates to conditions for respectively adjusting balance and absolute intensity of a chromatic adaptability;

setting a parameter of the chromatic adaptability from the inputted balance and absolute intensity; and

performing forward and inverse conversions of the color appearance model by using the set parameter.

7. (Canceled).

8. (Currently Amended) An image processing apparatus for performing a color process based on a color appearance model, said apparatus comprising:

an inputting section, arranged to input location information which relates to a ~~viewing space~~ distance between positions of a viewing subject [[in]] at a data source side and a viewing subject [[in]] at a data destination side;

a setter, arranged to set a parameter of viewing condition based on the inputted location information; and

a processor, arranged to perform the color process based on the color appearance model by using the set parameter.

9. (Previously Amended) The apparatus according to claim 8, wherein the parameter includes a chromatic adaptability condition.

10. (Previously Amended) The apparatus according to claim 8, wherein said inputting section further inputs plural items of viewing information which relate to a viewing condition of the data source side and a viewing condition of the data destination side.

11. (Previously Amended) The apparatus according to claim 8, wherein the color process comprises color matching processing based on profiles of the data source side and the data destination side.

12. (Currently Amended) A computer program product comprising a computer readable medium storing computer program codes, for an image processing method performing a color process based on a color appearance model, said product comprising process procedure codes for:

inputting location information which relates to a ~~viewing space~~ distance between positions of a viewing subject [[in]] at a data source side and a viewing subject [[in]] at a data destination side;

setting a parameter of viewing condition based on the inputted location information; and

performing the color process based on the color appearance model by using the set parameter.

13. (Currently Amended) A computer program product comprising a computer readable medium storing computer program codes, for an image processing method performing a color process on input image data based on a color appearance model, said product comprising process procedure codes for:

realizing a user interface to manually input location information which relates to a ~~viewing space~~ distance between positions of a viewing subject [[in]] at a data source side and a viewing subject [[in]] at a data destination side;

realizing a user interface to manually input viewing information which relates to a viewing condition;

setting a parameter of viewing condition based on the inputted location information and viewing information; and

performing the color process based on the color appearance model by using the set parameter.

14. (Previously Amended) A computer program product comprising a computer readable medium storing computer program codes, for an image processing method performing a color process on input image data based on a color appearance model, said product comprising process procedure codes for:

inputting a manual instruction of a user, which relates to conditions for respectively adjusting balance condition and absolute intensity of a chromatic adaptability;

setting a parameter of the chromatic adaptability from the balance condition and absolute intensity; and

performing forward and inverse conversions of the color appearance model by using the set parameter.

15. (Canceled).